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1 reproduction of plant and fruit characteristics were true to the original
2 plant in all respects. The reproduction of the variety included the use
3 of 'Colt' (unpatented) rootstock upon which the present variety was
4 compatible and true to type.

5 The present variety is most similar to the 'Glenred' (United States
6 Plant Patent Number 12,859) cherry by producing cherries that are large
7 in size, oblate in shape, firm in texture, dark red in skin color, red in
8 flesh color, and sweet in flavor, but is distinguished therefrom and an
9 improvement thereon by blooming about three days later, by producing
10 cherries that ripen about nine days later, and by being a pollinator for
11 both the 'Glenred' and 'Tulare' (United States Plant Patent Number 6,407)
12 cherries.

13 SUMMARY OF VARIETY

14 In summary, the present variety is characterized by a large size,
15 vigorous, hardy, self-sterile, productive and regular bearing tree. The
16 fruit matures under the ecological conditions described in late May, with
17 first picking on May 24, 2003. The fruit is uniformly large in size, very
18 sweet in flavor, oblate in shape, semi-freestone in type, firm in
19 texture, yellow to red in flesh color, and dark red in skin color.

20 DRAWING

21 The accompanying photograph displays a characteristic twig
22 bearing leaves, two fruits with the stems attached, several whole fruits
23 detached from the stems to exhibit the skin color and form, two fruits
24 sectioned along different planes to reveal the flesh and fibers, and two
25 individual leaves, all typical of the subject variety.

POMOLOGICAL CHARACTERISTICS

Referring now more specifically to the pomological characteristics of this new and distinct variety of cherry tree, the following has been observed under the ecological conditions prevailing near Le Grand, Merced County (San Joaquin Valley), California, at the state of firm ripe on May 25, 2003, on the original tree during the twelfth growing season. All major color code designations are by reference to the Inter-Society Color Council, National Bureau of Standards. Common color names are also used occasionally.

Tree

Size: Large, reaching a height of 16' [4.88 m.] and a spread of 10' [3.05 m.] after twelve growing seasons on its own root.

Vigor: Vigorous, responding typically to irrigation and fertilization.

The plant should be grown on a standard commercial rootstock for production purposes.

Growth: Upright.

Form: A natural tendency to generate a central leader system if unpruned, but a vase shape may be obtained by pruning.

Branch Angle Range: 40 to 90 degrees.

Hardiness: Hardy with respect to central California winters.

Heat Tolerance: Observed to perform adequately in typical central California climatic conditions, which typically include extended periods of heat.

Drought Tolerance: Variety is developed for commercial orchards and requires regular irrigation.

1 Production: Productive.

2 Fertility: Self-sterile, must be cross pollinated by another early

3 blooming cherry variety, such as 'Tulare' or 'Sequoia'.

4 Bearing: Regular bearer with no alternate bearing yet observed.

5 Trunk:

6 *Size.*- Medium, with a maximum diameter of 6" [152 mm.]

7 after the twelfth growing season.

8 *Texture.*- Shaggy.

9 *Bark Color.*- Dark brown [59. d.Br].

10 *Lenticels.*- Approximate Number Per Square Inch: 8.

11 Color: Moderate brown [58. m.Br].

12 Typical Size: 3/16" to 5/8" [4.8 - 15.9 mm.].

13 Branches:

14 *Main Scaffold Diameter.* - 2 3/4" [70 mm.] measured 12"

15 above the crotch.

16 *Limb Diameter.* - 1 3/4" [45 mm.] measured 12" above the first

17 fork.

18 *Texture.*- Smooth on 1st year wood, increasing roughness

19 with age.

20 *Color.*- 1st Year Wood Topside: Deep purplish red

21 [256. deep pR].

22 1st Year Wood Underside: Brilliant yellow green

23 [116. brill.YG].

24 Older Wood: Brownish gray [64. brGy].

25 *Lenticels.*- Approximate Number Per Square Inch: 12.

1 Color: Brownish orange [54. brO].
2 Typical size: 1/8" to 3/8" [3.2 - 9.5 mm.].
3 Leaves: Size.- Medium.
4 Average Length: 5" [127 mm.].
5 Average Width: 2 7/16" [62 mm.].
6 Arrangement.- Alternate.
7 Thickness.- Medium.
8 Form.- Elliptical.
9 Apex.- Acuminate.
10 Base.- Mostly rounded.
11 Surface.- Smooth.
12 Color.- Dorsal Surface: Dark olive green [126. d.OlG].
13 Ventral Surface: Moderate yellow green [120. m.YG].
14 Margin.- Finely serrate.
15 Venation.- Pinnately net veined.
16 Vein Color.- Light yellow green [119. l.YG] to Grayish red
17 [19. gy.R].
18 Petiole.- Average Length: 1 1/4" [31.8 mm.].
19 Average Thickness: 1/16" [1.6 mm.].
20 Color: Very dark purplish red [260. v.d.pR] topside
21 with Grayish red [19. gy.R] underside.
22 Stipules.- Number: 2 primary and 4 secondary per leaf.
23 Average Length: 7/16" [11.1 mm].
24 Color: Grayish red [19. gy.R]
25 Glands.- Number: Usually 2 per leaf.

1 Position: On petiole, typically 1/4" [6.4 mm.] below
2 base of blade.
3 Size: Large.
4 Form: Oval to reniform.
5 Color: Dark red [16. d.R].
6 *Leaf Buds.*- Pointed, conic.
7 Flower Buds:
8 *Hardiness.*- Hardy, with respect to central California winters.
9 *Diameter.*- Typically 5/16" [7.9 mm.] right before bloom.
10 *Length.*- Typically 5/8" [15.9 mm.] right before bloom.
11 *Form.*- Free.
12 *Surface.*- Nonpubescent.
13 *Color.*- White [263. white].
14 Flowers: Perfect, complete, perigynous, usually a single pistil,
15 typically twenty or more stamens, five sepals and petal
16 locations alternately positioned.
17 *Average Flower Diameter.*- 1 1/8" [28.6 mm.].
18 *Number of Petals.*- Usually five, but some have a few extra
19 petal fragments.
20 *Petal Shape.*- Circular.
21 *Petal Margin.*- Somewhat wavy with an occasional serration.
22 *Average Petal Diameter.*- 5/8" [15.9 mm.].
23 *Average Petal Length.*- 11/16" [17.5 mm.].
24 *Petal Apex.*- Rounded with an occasional small notch.
25 *Petal Base.*- Rounded to slightly cuneate.

1 Petal Color.- White [263. white].
2 Anther Color.- Light yellow [86. 1.Y].
3 Stigma Color.- Light yellow green [119. 1.YG].
4 Sepal Color.- Dark purplish red [259. d.pR] over Strong
5 yellow green [117. s.YG].
6 Sepal Length.- 9/32" [7 mm.].
7 Sepal Width.- 3/16" [5 mm.].
8 Average Pistil Length.- 5/8" [15.9 mm.].
9 Average Stamen Length.- 1/2" [12.7 mm.].
10 Fragrance.- Moderate.
11 Blooming Period.- Early compared with other varieties.
12 Onset of Bloom.- Five percent on March 16, 2003, about three
13 days after 'Glenred' and two days before
14 'Tulare'.
15 Date of Full Bloom.- March 25, 2003.
16 Duration of Bloom.- Five to ten days, dependent on ambient
17 temperature.
18 Number per cluster.- Usually 2 to 4.

19 FRUIT

20 Maturity When Described: Firm ripe, May 25, 2003.
21 Date of First Picking: May 24, 2003.
22 Date of Last Picking: May 30, 2003.
23 Size: Uniform, large.
24 Average Diameter Axially.- 7/8" [22.2 mm.].
25 Average Cheek Diameter.- 7/8" [22.2 mm.].

1 Average Diameter Across Suture Plane.- 1 1/8" [28.6 mm.].
2 Typical Weight.- 0.33 ounces [9.35 grams].
3 Form: Uniform, symmetrical, compressed axially and around suture.
4 Cheek Plane Form.- Oblate.
5 Suture Plane Form.- Oval.
6 Axial View Form.- Elliptical.
7 Suture: An inconspicuous Blackish red [21. blackish R] line located in a
8 shallow groove or trough that extends around the entire fruit.
9 Ventral Surface: Rounded.
10 Lips: Equal.
11 Stem Cavity: Flaring, circular, suture showing on one side.
12 Depth.- 3/16" [4.8 mm.].
13 Breadth.- 7/16" [11.1 mm.].
14 Base: Cordate.
15 Apex: Rounded to somewhat cordate.
16 Pistil Point: An inconspicuous dot depressed within the suture.
17 Stem: Medium.
18 Average Length.- 1 1/2" [38.1 mm.].
19 Average Width.- 1/16" [1.6 mm.].
20 Color.- Brilliant yellow green [116. brill.YG] with some Grayish
21 red [19. gy.R] tinting from sunlight.
22 Attachment.- Strong.
23 Skin:
24 Thickness.- Medium.
25 Surface.- Smooth.

1 *Tenacity.*- Medium.
2 *Astringency.*- Slightly astringent.
3 *Tendency to Crack.*- Very crack resistant, even in wet season.
4 *Color.*- Vivid dark red [17. v.d.R] to Deep red [13. deep R].
5 Flesh: *Color.*- Pale orange yellow [73. p.OY] with Deep red [13. deep R]
6 streaking with increased maturity.
7 *Surface of Pit Cavity.*- Pale orange yellow [73. p.OY] to Dark
8 red [16. d.R] fibers.
9 *Amygdalin.*- Moderate.
10 *Juice.*- Abundant, rich.
11 *Juice Color.*- Moderate pink [5. m.Pk].
12 *Texture.*- Firm, crisp.
13 *Fibers.*- Abundant, fine.
14 *Ripens.*- Earliest toward the apex and cheeks.
15 *Flavor.*- Delicious blend of acid and sugar, 22 brix.
16 *Aroma.*- Slight.
17 *Eating Quality.*- Best.

18 STONE

19 Type: Somewhat freestone.
20 Form: Oval.
21 External Color: Light grayish yellowish brown [79. l.gy.yBr].
22 Pit Wall Color When Cracked: Light yellowish brown [76. l.yBr].
23 Internal Cavity Color: Light yellowish brown [76. l.yBr].
24 Average Width: 7/16" [11.1 mm.].
25 Average Length: 1/2" [12.7 mm.].

1 Resistance To Insects: No unusual susceptibilities noted.

2 Resistance To Diseases: No unusual susceptibilities noted.

3 Other Notes

4 Although the new variety of cherry tree possesses the described
5 characteristics under the ecological conditions at Le Grand, California,
6 in the central part of the San Joaquin Valley, it is to be expected that
7 variations in these characteristics may occur when farmed in areas with
8 different climatic conditions, different soil types, and/or varying
9 cultural practices.

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